



# Quarterly Project Status

## April 23, 2008

### Vashon-Maury Island Water Resources Evaluation

April 23, 2008



# Quarterly Review

- Ongoing monitoring overview
- WRE report update
- Modeling update
- Budget
- Next Quarter

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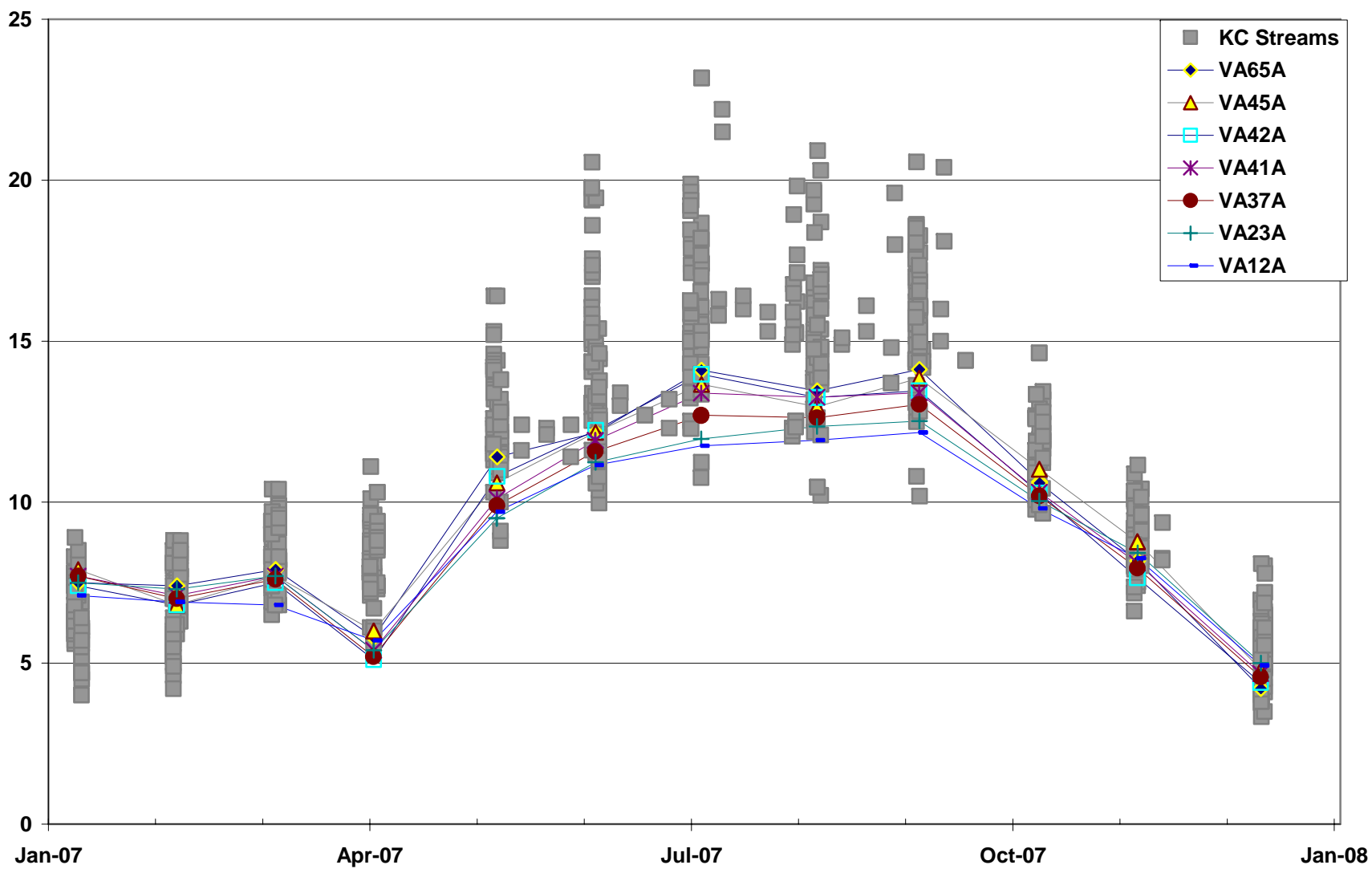
# Island Monitoring

- Precipitation & Stream gauging
- WL survey to be done in summer
  - 24 sites
- Stream WQ sampling
  - Continuing at 5 sites
  - Tahlequah, Fisher, Judd, Mileta & Gorsuch Creeks
  - Stream WQ data next 2 slides

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# VMI Stream WQ data

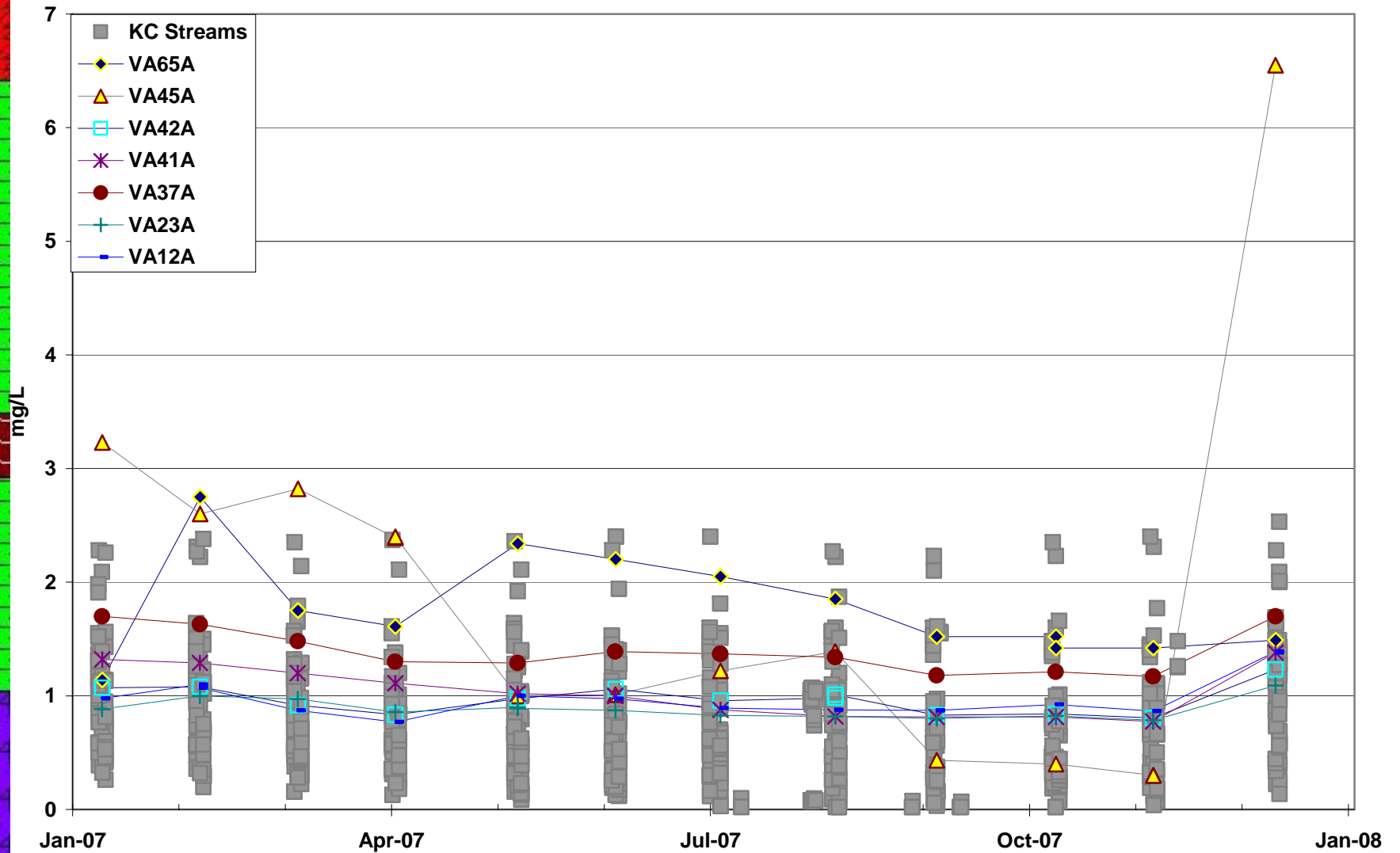
temperature



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# VMI Stream WQ data

Nitrate + Nitrite



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# Exempt Well Metering

Monthly Averages (GPD):

Jan: 128.5

Feb: 139.9

Mar: 148.9

Average usage to date: 190 GPD

- Got 4 new volunteers

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# Island Monitoring cont'd

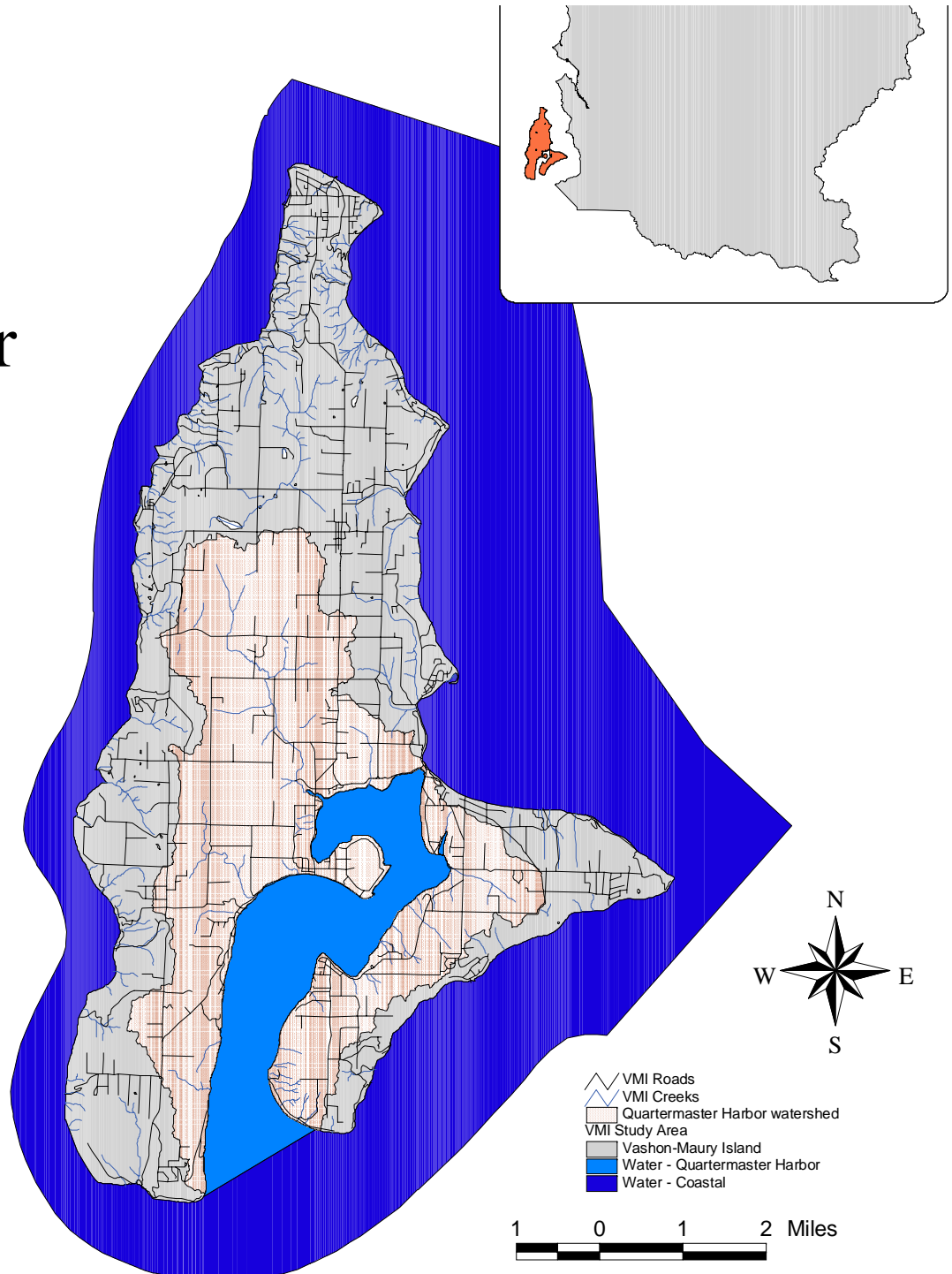
- New EPA grant Nitrogen Study of Quartermaster Harbor
  - 2009-2012
  - Partnering with EPA, UW-Tacoma, Ecology, GWPC, & USGS
- Map (next slide)

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# EPA grant Nitrogen Study of Quartermaster Harbor

## Study Area

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# WRE Phase II Modeling

- Working on Next Steps
- Scenarios to follow
- Phase II Modeling report planned for early fall

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# WRE Reports Update

## ■ Next reports

- WRE 2007 Data Report - *almost complete*
- Workplan update – July Meeting focus topic
- WRE Reports
  - Available via the web

<http://dnr.metrokc.gov/wlr/wq/vashon-island/index.htm>

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# Budget

- Project budget for 2008 is \$296,582\*
  - expenditures to date: \$79,371
  - 27% of budget

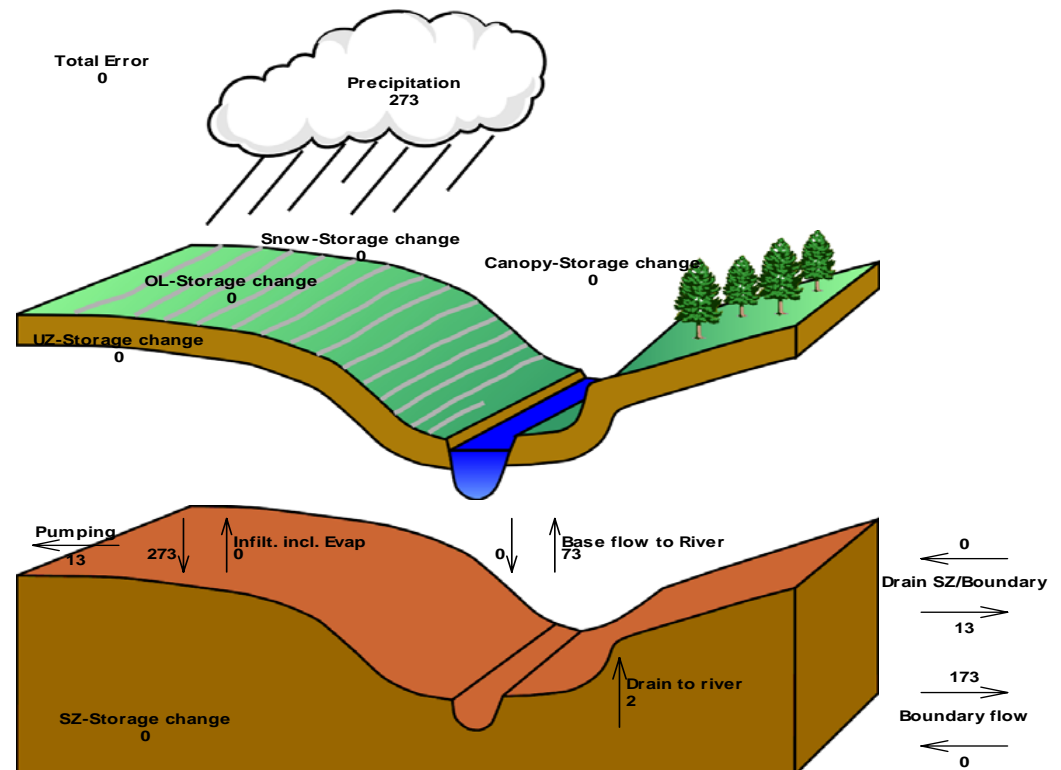
\* refers to 2007 rollover + 2008 budget

- 2007 rollover is \$64,152 (January meeting)

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# Next Quarter

- Continued activities
  - Gauging/monitoring
  - Modeling
  - WQ sampling



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